

CLAIM AMENDMENTS

Claims 1-6 (Canceled).

7 (Currently Amended). An apparatus comprising:

an electrical contact on a substrate;

a dielectric over ~~on~~ the contact, the dielectric having an opening exposing the contact, ~~wherein the dimensions of the opening expose a first contact area of the contact, the apparatus further comprising a spacer within the opening over ~~on~~ the contact, said the spacer exposing less of said contact than said opening a second contact area of the contact having dimensions less than the first contact area;~~

a programmable material formed within the opening, the programmable material formed on said the second contact area of the contact; and

a conductor electrically coupled to the programmable material.

Claim 8 (Canceled).

9 (Original). The apparatus of claim 7, further comprising:

a barrier material between the programmable material and the conductor.

10 (Original). The apparatus of claim 7, further comprising:

a signal line in contact with the contact; and

an isolation device between the contact and the signal line.

11 (Previously Amended). The apparatus of claim 7, wherein said dielectric includes a first portion over said substrate, an aperture in said first portion, and a sidewall spacer aligning said aperture, the interior of said sidewall spacer forming said opening.

12 (Previously Amended). The apparatus of claim 7, wherein the programmable material includes a chalcogenide.

Claims 13-18 (Canceled).